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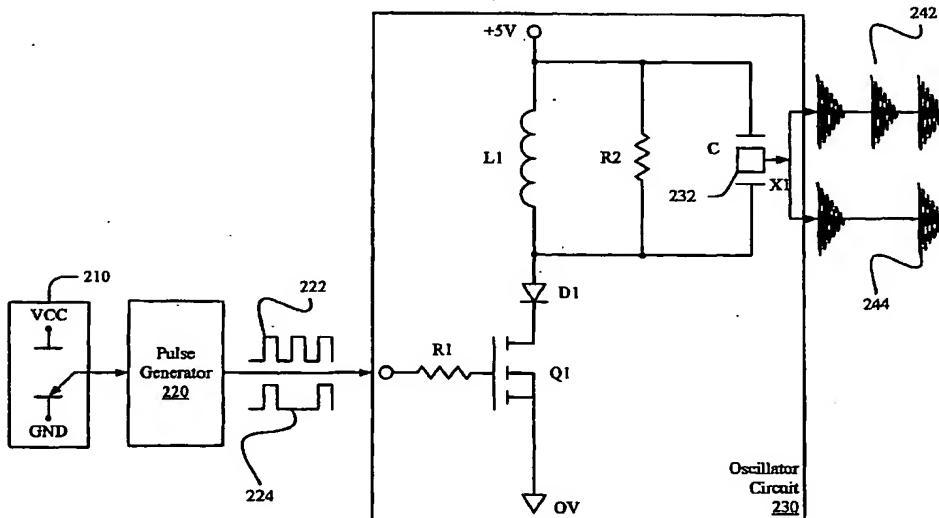
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(54) Title: MULTI-MODE ULTRASONIC SYSTEM



(57) Abstract: In one embodiment, an apparatus comprises a switching mechanism to switch an input line between a first input voltage and a second input voltage, a pulse generator coupled to the switching mechanism to generate an electronic pulse train at a high frequency in response to the first input voltage and an electronic pulse train at a low frequency in response to the second input voltage, an oscillator circuit coupled to the pulse generator to receive the electronic pulse train, and an ultrasonic transmitter coupled to the oscillator circuit to produce an ultrasonic signal at a frequency that is a function of a frequency of the electronic pulse train.

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